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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 5895P005

First Inventor or Application Identifier Hong-soon Nam

Title APPARATUS AND METHOD FOR PACKET SCHEDULING USING CREDIT

Express Mail Label No. EL651821797US

03/05/02

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- |   |   |
|---|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17)<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification Total Pages 37<br/>(preferred arrangement set forth below)           <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets 7</p> <p>5. Oath or Declaration Total Pages 2           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 18 completed)               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CFR)</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> </p> |
|---|---|

**ACCOMPANYING APPLICATION PARTS**

- 9.  Assignment Papers (cover sheet & document(s))
- 10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)
- 11.  English Translation Document (if applicable)
- 12.  Information Disclosure Statement (IDS)/PTO - 1449  Copies of IDS Citations
- 13.  Preliminary Amendment
- 14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 16.  Nonpublication Request under 35 USC 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
- 17.  Other: Formal drawings transmittal; Request for Priority .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ /

Prior application Information: Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

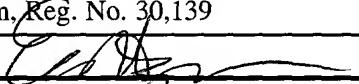
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number of Bar Code Label	 *08791*	<input type="checkbox"/> Correspondence address below
---	--	---

Name	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP				
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Country	U.S.A.	Telephone	(310) 207-3800	Fax	(310) 820-5988

Name (Print/Type) Eric S. Hyman, Reg. No. 30,139

Signature 

Date 3/5/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

780.00

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Hong-soon Nam, et al.
Examiner Name	
Group Art Unit	
Attorney Docket Number	5895P005

## METHOD OF PAYMENT (check one)

 Check  Credit Card  Money Order  Other  None
 Deposit AccountDeposit Account Number  
Deposit Account Name

02-2666

Blakely, Sokoloff, Taylor &amp; Zafman

The Commissioner is authorized to: (check all that apply)

- 
- Charge fee(s) indicated below
- 
- Credit any overpayments
- 
- 
- Charge any additional fee(s) during the pendency of this application.
- 
- 
- Charge fee(s) indicated below, except for the filing fee, to the above-identified deposit account

## FEE CALCULATION

## 1. FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	\$740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$)</b>		<b>740.00</b>	

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
18	-20** = 0	X \$18.00 =	0.00
3	-3** = 0	X \$84.00 =	0.00
Multiple Dependent		=	

## Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent claim
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$)</b>		<b>0.00</b>

\*or number of previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920	112 920 Requesting publication of SIR prior to Examiner action	
113	1,840	113 1,840 Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for response within first month	
116	400	216 200 Extension for response within second month	
117	920	217 460 Extension for response within third month	
118	1,440	218 720 Extension for response within fourth month	
128	1,960	228 980 Extension for response within fifth month	
119	320	219 160 Notice of Appeal	
120	320	220 160 Filing a brief in support of an appeal	
121	280	221 140 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidably	
141	1,280	241 640 Petition to revive - unintentionally	
142	1,280	242 640 Utility issue fee (or reissue)	
143	460	243 230 Design issue fee	
144	620	244 310 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	40
146	740	246 370 Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249 370 For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279 370 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

40.00

## SUBMITTED BY

Typed or Printed Name	Eric S. Hyman, Reg. No. 30,139			Complete (if applicable)
Signature		Date	3/5/02	Reg. Number
				Deposit Account User ID 02-2666

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

HONG-SOON NAM, ET AL.

Art Group:

Application No.:

Examiner:

Filed:

For: **APPARATUS AND METHOD FOR  
PACKET SCHEDULING USING  
CREDIT BASED ROUND ROBIN -  
UTILITY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

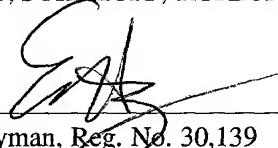
**TRANSMITTAL OF FORMAL DRAWINGS**

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 7 sheets including 7 Figures. Applicant hereby authorizes any additional extension or petition fees under 37 C.F.R. §1.17 or credit for any overpayment to our Deposit Account No. 02-2666. A copy of the Fee Transmittal sheet is enclosed.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Dated: 3/31/02   
Eric S. Hyman, Reg. No. 30,139

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